

Product Name: KD-Validated CHCHD3 Mouse Monoclonal Antibody**Catalog #: KVA00653**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 26.2kDa

Antigen Information

Gene Name	CHCHD3
Alternative Names	CHCHD3; Coiled-Coil-Helix-Coiled-Coil-Helix Domain Containing 3; MINOS3; PPP1R22; MICOS19; Mic19; Mitochondrial Contact Site And Cristae Organizing System Subunit 19; Mitochondrial Inner Membrane Organizing System 3; Protein Phosphatase 1, Regulatory Subunit 22; MICOS Complex Subunit MIC19; FLJ20420; Coiled-Coil-Helix-Coiled-Coil-Helix Domain-Containing Protein 3, Mitochondrial; Coiled-Coil-Helix-Coiled-Coil-Helix Domain-Containing Protein 3; MIC19
Gene ID	54927.0
SwissProt ID	Q9NX63
Immunogen	Recombinant protein of human CHCHD3

Background

The protein encoded by this gene is an inner mitochondrial membrane scaffold protein. Absence of the encoded protein affects the structural integrity of mitochondrial cristae and leads to reductions in ATP production, cell growth, and oxygen consumption. This protein is part of the mitochondrial contact site and cristae organizing system (MICOS). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Research Area

Tags & Cell Markers, Signal Transduction, Metabolism

Image Data

